



**COOPERATIVE PROJECT ARRANGEMENT
ON PUBLIC TRANSPORTATION SCIENCE AND TECHNOLOGY
BETWEEN THE FEDERAL TRANSIT ADMINISTRATION
OF THE DEPARTMENT OF TRANSPORTATION
OF THE
UNITED STATES OF AMERICA
AND
THE GOVERNMENT OF THE STATE OF MAHARASHTRA
OF THE
REPUBLIC OF INDIA**

WHEREAS, the Department of Transportation of the United States of America and the Government of the State of Maharashtra of the Republic of India (hereinafter referred to as "the Participants"),

Taking note of the Memorandum of Cooperation between the Government of the State of Maharashtra of the Republic of India (MMRDA) and the Federal Transit Administration (FTA) of the Department of Transportation of the United States of America signed on September 29, 2008, (hereinafter referred to as "the MOC"), and

In order to set forth the Cooperative Project Arrangement (hereinafter referred to as "the Arrangement") on cooperation in public transportation science and technology,

Have reached the following understandings pursuant to Article 2 of the MOC:

I. PURPOSE

The purpose of this Arrangement is to outline the terms of cooperation between the Participants on specific public transportation science and technology projects.

II. SCOPE OF COOPERATION

The Participants intend to cooperate under this Arrangement on, but not limited to, the following activities:

1. Develop and strengthen avenues of communication concerning bus rapid transit (BRT) systems, Intelligent Transportation Systems (ITS); advanced propulsion buses;
2. Interact and exchange of information on the ongoing research activities between MMRDA and FTA;
3. Interact on the research and training activities;
4. Research renewable energy and energy efficiency;
5. Exchange and cooperate in the development of technical information to support the timely deployment of best practices and new technology;
6. Cooperate on the improvement of the environmental health, safety, and security of urban transportation systems;
7. Organize training activities aimed at promoting the capabilities of managerial and technical personnel; and
8. Cooperate in developing and implementing a strategic plan to assist in the development of public transportation standards that could benefit both the U.S. and Indian public transportation industries.

III. FORMS OF COOPERATION

Pursuant to Article 2 of the MOC, the Participants intend to maintain an open and continuing dialogue concerning the topics mentioned in Article II of this Arrangement through the following activities:

1. Establish a National Research and Training Institute (NRTI) in Mumbai under the auspices of MMRDA;
2. Design and development of various research and training curriculum programs for the MMRDA's NRTI;
3. Design and development of Environmental Health, Safety and Security Programs to be implemented by MMRDA;

4. Develop a comprehensive “Passenger Fare Integration Program” for MMRDA;
5. Evaluate an effective Bus Rapid Transit (BRT) system to meet the MMRDA needs;
6. MMRDA and FTA staff could participate in FTA’s current on-going research activities and exchange of the research information, as appropriate;
7. MMRDA could provide assistance to the development of FTA’s public – private partnership programs;
8. Develop an integrated ITS to meet MMRDA requirements; and
9. MMRDA and FTA staff could interact with FTA in the promotion of Clean and Renewable Energy Programs including the CUTE Program.

IV. IMPLEMENTATION BODIES

The bodies intended to be responsible for the implementation of the Arrangement are:

For the Government of the State of Maharashtra:

P.R.K. Murthy
Chief, Transportation & Communication

For the Federal Transit Administration:

Walter Kulyk
Director, Office of Mobility Innovation.

The liaison and coordination work for the implementation of this Arrangement are:

For the FTA:

Ronald Boenau
Phone #: +1 202-366-0195
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For the MMRDA:

Satish Kastury
Phone #: +1 850-345-6777
E-mail: skastury@aol.com

V. FUNDING

Cooperation under this Arrangement is subject to the availability of funds of each Participant.

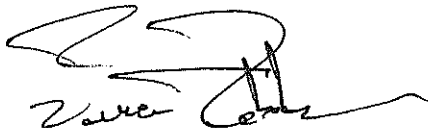
VI. INFORMATION

Any information transmitted by one Participant to the other Participant under this Arrangement should be accurate and reliable to the best knowledge and belief of the providing Participant, but the providing Participant does not intend to warrant the suitability of such information for any particular use or application by the receiving Participant.

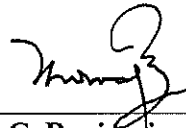
VII. MISCELLANEOUS

1. This Arrangement is intended to commence on the date of its signature. Either Participant may give written notice to the other Participant of its intention to terminate this Arrangement. This Arrangement is to terminate sixty (60) days after the date of receipt of the notice by the other Participant.
2. This Arrangement may be amended at any time by mutual consent of the Participants.
3. Implementation of this Arrangement is intended to be subject to the laws and regulations in force in each country.

Signed in Washington, DC, this 31st day of March 2009, in the English language.



Vincent Valdes
Associate Administrator for Research,
Demonstration, and Innovation
Federal Transit Administration
U.S. Department of Transportation



T. C. Benjamin
Principal Secretary
Urban Development
Government of the State of Maharashtra